

10526940elected

Search elected species

and
claim4

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS STN Operating Hours Plus Help Desk Availability

NEWS LOGIN Welcome Banner and News Items

NEWS IPC8 For general information regarding STN implementation of IPC 8

NEWS X25 X.25 communication option no longer available

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 09:02:23 ON 07 MAR 2007

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 09:02:32 ON 07 MAR 2007

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STRUCTURE FILE UPDATES: 5 MAR 2007 HIGHEST RN 924962-30-1

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TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

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on property searching in REGISTRY, refer to:

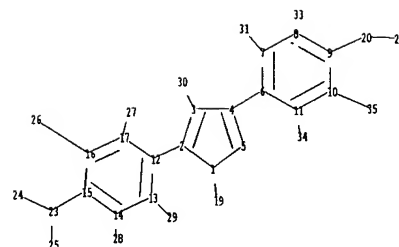
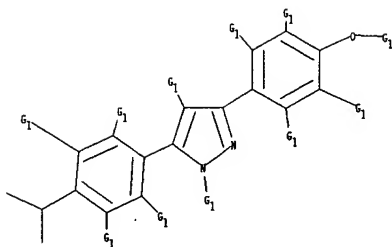
<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10526940elected.str

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chain nodes :
19 20 21 23 24 25 26 27 28 29 30 31 33 34 35
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
chain bonds :
1-19 2-12 3-30 4-6 7-31 8-33 9-20 10-35 11-34 13-29 14-28 15-23 16-26
17-27 20-21 23-24 23-25
ring bonds :
1-2 1-5 2-3 3-4 4-5 6-7 6-11 7-8 8-9 9-10 10-11 12-13 12-17 13-14
14-15 15-16 16-17
exact/norm bonds :
1-2 1-5 1-19 3-30 4-5 7-31 8-33 9-20 10-35 11-34 13-29 14-28 16-26
17-27 20-21
exact bonds :
2-3 2-12 3-4 4-6 15-23 23-24 23-25
normalized bonds :
6-7 6-11 7-8 8-9 9-10 10-11 12-13 12-17 13-14 14-15 15-16 16-17
isolated ring systems :
containing 1 : 6 : 12 :

G1:H,CH3

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 19:CLASS 20:CLASS
21:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS
30:CLASS 31:CLASS 33:CLASS 34:CLASS 35:CLASS

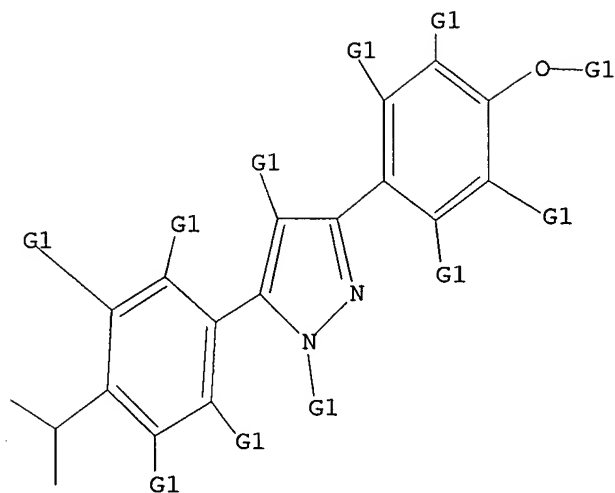
L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS

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L1 STR



G1 H, Me

Structure attributes must be viewed using STN Express query preparation.

=> s l1 full

FULL SEARCH INITIATED 09:02:50 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 22607 TO ITERATE

100.0% PROCESSED 22607 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L2 0 SEA SSS FUL L1

=> fil stng

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

172.10

172.31

FILE 'STNGUIDE' ENTERED AT 09:03:03 ON 07 MAR 2007

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AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Mar 2, 2007 (20070302/UP).

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.12

172.43

FILE 'REGISTRY' ENTERED AT 09:04:04 ON 07 MAR 2007

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DICTIONARY FILE UPDATES: 5 MAR 2007 HIGHEST RN 924962-30-1

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TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

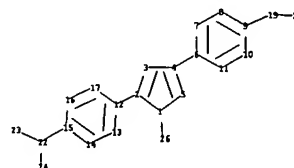
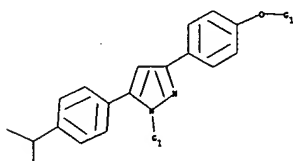
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<http://www.cas.org/ONLINE/UG/regprops.html>

=>

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chain nodes :
19 20 22 23 24 26
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
chain bonds :
1-26 2-12 4-6 9-19 15-22 19-20 22-23 22-24
ring bonds :
1-2 1-5 2-3 3-4 4-5 6-7 6-11 7-8 8-9 9-10 10-11 12-13 12-17 13-14
14-15 15-16 16-17
exact/norm bonds :
1-2 1-5 1-26 4-5 9-19 19-20
exact bonds :
2-3 2-12 3-4 4-6 15-22 22-23 22-24
normalized bonds :
6-7 6-11 7-8 8-9 9-10 10-11 12-13 12-17 13-14 14-15 15-16 16-17

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isolated ring systems :
containing 1 : 6 : 12 :

G1:H,CH3

Match level :

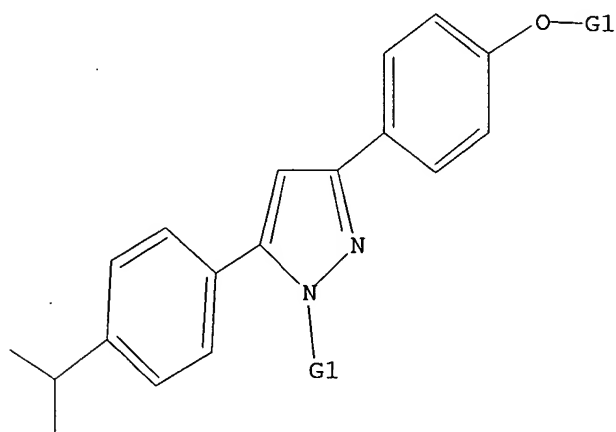
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11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 19:CLASS 20:CLASS
22:CLASS 23:CLASS 24:CLASS 26:CLASS

L3 STRUCTURE UPLOADED

=> d

L3 HAS NO ANSWERS

L3 STR



G1 H,Me

Structure attributes must be viewed using STN Express query preparation.

=> s l3 full

FULL SEARCH INITIATED 09:04:19 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 22607 TO ITERATE

100.0% PROCESSED 22607 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L4 0 SEA SSS FUL L3

=> fil stng

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

172.10

344.53

FILE 'STNGUIDE' ENTERED AT 09:04:23 ON 07 MAR 2007

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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Mar 2, 2007 (20070302/UP).

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.06	344.59

FULL ESTIMATED COST

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DICTIONARY FILE UPDATES: 5 MAR 2007 HIGHEST RN 924962-30-1

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TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

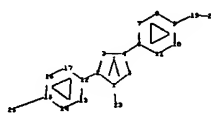
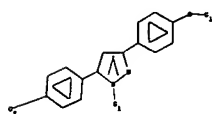
Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
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=>

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chain nodes :

19 20 23 25

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

chain bonds :

1-23 2-12 4-6 9-19 15-25 19-20

ring bonds :

1-2 1-5 2-3 3-4 4-5 6-7 6-11 7-8 8-9 9-10 10-11 12-13 12-17 13-14
14-15 15-16 16-17

exact/norm bonds :

1-2 1-5 1-23 4-5 9-19 15-25 19-20

exact bonds :

2-3 2-12 3-4 4-6

normalized bonds :

6-7 6-11 7-8 8-9 9-10 10-11 12-13 12-17 13-14 14-15 15-16 16-17

isolated ring systems :

containing 1 : 6 : 12 :

G1:H,CH3

G2:CH3,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu

Match level :

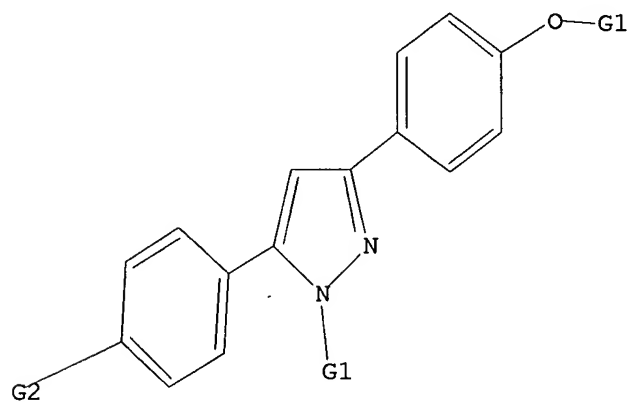
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 19:CLASS 20:CLASS
23:CLASS 25:CLASS

L5 STRUCTURE UPLOADED

=> d

L5 HAS NO ANSWERS

L5 STR



G1 H,Me

G2 Me,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu

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Structure attributes must be viewed using STN Express query preparation.

=> s 15 full

FULL SEARCH INITIATED 09:05:29 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 36786 TO ITERATE

100.0% PROCESSED 36786 ITERATIONS

14 ANSWERS

SEARCH TIME: 00.00.01

L6 14 SEA SSS FUL L5

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

172.10

516.69

FILE 'CAPLUS' ENTERED AT 09:05:35 ON 07 MAR 2007

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FILE LAST UPDATED: 6 Mar 2007 (20070306/ED)

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=> s 16

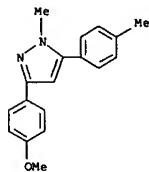
L7 3 L6

=> d ibib abs hitstr tot

Karen Cheng

L7 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2006:660707 CAPLUS
 DOCUMENT NUMBER: 145:292939
 TITLE: Reaction of N-Monosubstituted Hydrazones with Nitroolefins: A Novel Regioselective Pyrazole Synthesis
 AUTHOR(S): Deng, Xiaohu; Mani, Neelakandha S.
 CORPORATE SOURCE: Department of Drug Discovery, Johnson & Johnson Pharmaceutical R & D LLC, San Diego, CA, 92121, USA
 SOURCE: Organic Letters (2006), 8(16), 3505-3508
 CODEN: ORLEF7; ISSN: 1523-7060
 PUBLISHER: American Chemical Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English

AB A novel regioselective synthesis of substituted pyrazoles from N-monosubstituted hydrazones and nitroolefins is described. The reaction is performed in a one-pot manner and the yields range from moderate to excellent. A key nitropyrzolidine intermediate is characterized and a plausible mechanism is proposed.
 IT 908329-93-1P
 RL: SPN (Synthetic preparation); PREP (Preparation) (one-pot regioselective synthesis of substituted pyrazoles from N-monosubstituted hydrazones and nitroolefins)
 RN 908329-93-1 CAPLUS
 CN 1H-Pyrazole, 3-(4-methoxyphenyl)-1-methyl-5-(4-methylphenyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1976:116915 CAPLUS
 DOCUMENT NUMBER: 84:116915
 TITLE: Pyrazolium fungicides
 INVENTOR(S): Walworth, Bryant L.
 PATENT ASSIGNEE(S): American Cyanamid Co., USA
 SOURCE: U.S., 10 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 7
 PATENT INFORMATION:

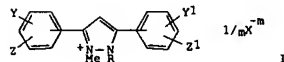
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3930011	A	19751230	US 1975-546654	19750203
ZA 7507951	A	19761229	ZA 1975-7951	19751222
IL 48708	A	19780731	IL 1975-48708	19751223
AU 7587903	A	19770630	AU 1975-87903	19751224
AU 500653	B2	19790531		
GB 1534866	A	19781206	GB 1975-53214	19751230
CA 1058517	A1	19790717	CA 1976-243287	19760109
NL 7600700	A	19760805	NL 1976-700	19760123
DK 7600296	A	19760804	DK 1976-296	19760126
DK 139833	C	19791001		
DK 139833	B	19790430		
FI 7600174	A	19760804	FI 1976-174	19760126
FI 59194	B	19810331		
FI 59194	C	19810710		
DE 2602964	A1	19760805	DE 1976-2602964	19760127
CS 199651	B2	19800731	CS 1976-580	19760129
BE 838171	A4	19760802	BE 1976-164007	19760202
SE 7601095	A	19760803	SE 1976-1095	19760202
SE 420888	B	19811109		
SE 420888	C	19820218		
NO 7600343	A	19760804	NO 1976-343	19760202
NO 145039	B	19810921		
NO 145039	C	19820104		
BR 7600646	A	19760831	BR 1976-646	19760202
CH 594354	A5	19780113	CH 1976-1243	19760202
AT 347178	B	19781211	AT 1976-697	19760202
SU 644359	A3	19790125	SU 1976-2319208	19760202
FR 2298949	A2	19760827	FR 1976-2975	19760203
FR 2298949	B2	19790330		
JP 51104031	A	19760914	JP 1976-10777	19760203
DD 124703	A6	19770309	DD 1976-191070	19760203

PRIORITY APPLN. INFO:

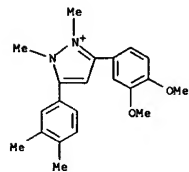
US 1971-209448	A	19711217
US 1972-271424	A	19720713
GB 1972-55680	A	19721201
US 1975-546654	A	19750203

GI

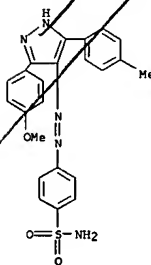
L7 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



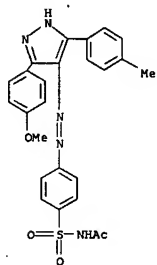
AB Dialkylphenylpyrazolium salts I (R=alkyl, allyl, propynyl, ethylcarboxymethyl, Ph, or PhCH₂; Y,Y',Z, and Z'=H, halogen, Cl-4 alkyl or alkoxy; X=mono- or divalent anion; m = 1 or 2) were effective as fungicides. For example, 1,2-dimethyl-3,5-diphenylpyrazolium methyl sulfate (43222-48-6) was effective for control of Phytophthora infestans on tomato, Puccinia oryzae on rice, and Venturia inaequalis on apple. The synthesis of I is described.
 IT 58538-38-8P
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation and fungicidal activity of)
 RN 58538-38-8 CAPLUS
 CN 1H-Pyrazolium, 3-(3,4-dimethoxyphenyl)-5-(3,4-dimethylphenyl)-1,2-dimethyl-, iodide (9CI) (CA INDEX NAME)

● I⁻

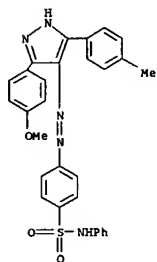
L7 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1976:105469 CAPLUS
 DOCUMENT NUMBER: 84:105469
 TITLE: Studies in heterocyclic compounds. Part VI. Synthesis and antibacterial activity of some 3,5-diaryl-4-(N-substituted p-sulfamoylphenylazo)pyrazoles
 AUTHOR(S): Saharia, G. S.; Sharma, H. R.
 CORPORATE SOURCE: Dep. Chem., Univ. Delhi, Delhi, India
 SOURCE: Indian Journal of Pharmacy (1975), 37(6), 147-50
 CODEN: IJPAAO; ISSN: 0019-5172
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 GI For diagram(s), see printed CA issue.
 AB Sixty-two pyrazoles I (R = H, Ac, Ph, substituted phenyl, pyrimidyl, etc.; R1 = H, OMe; R2 = H, Ph, p-MeC₆H₄, p-O₂CC₆H₄), nearly all of which showed antibacterial activity against Escherichia coli and none of them against Staphylococcus aureus were prepared by reaction of p-MeC₆H₄COCH(NHCOCH₃SO₂NH-R)COC₆H₄ with R₂NHNH₂ in AcOH or AcOH-EtOH at reflux. I (R1 = OMe) were more active than I (R1 = H).
 IT 58524-22-4P 58524-23-5P 58524-24-6P 58524-25-7P 58524-26-8P 58524-27-9P 58524-28-0P 58524-29-1P
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation) (preparation and antibacterial activity of)
 RN 58524-22-4 CAPLUS
 CN Benzenesulfonamide, 4-[[3-(4-methoxyphenyl)-5-(4-methylphenyl)-1H-pyrazol-4-yl]azo]- (9CI) (CA INDEX NAME)



RN 58524-23-5 CAPLUS
 CN Acetamide, N-[[4-[[3-(4-methoxyphenyl)-5-(4-methylphenyl)-1H-pyrazol-4-yl]azo]phenyl]sulfonyl]- (9CI) (CA INDEX NAME)

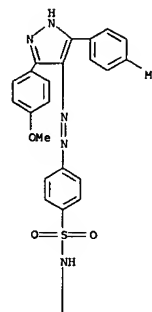


RN 58524-24-6 CAPLUS
CN Benzenesulfonamide, 4-[[3-(4-methoxyphenyl)-5-(4-methylphenyl)-1H-pyrazol-4-yl]azo]-N-phenyl- (9CI) (CA INDEX NAME)



RN 58524-25-7 CAPLUS
CN Benzenesulfonamide, N-(4-chlorophenyl)-4-[[3-(4-methoxyphenyl)-5-(4-methylphenyl)-1H-pyrazol-4-yl]azo]- (9CI) (CA INDEX NAME)

PAGE 1-A

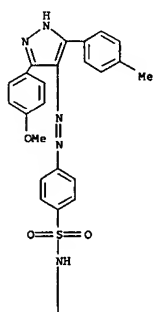


PAGE 2-A



RN 58524-26-8 CAPLUS
CN Benzenesulfonamide, 4-[[3-(4-methoxyphenyl)-5-(4-methylphenyl)-1H-pyrazol-4-yl]azo]-N-(4-methylphenyl)- (9CI) (CA INDEX NAME)

PAGE 1-A

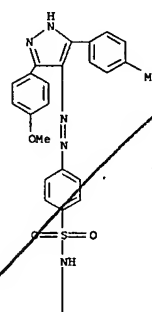


PAGE 2-A



RN 58524-27-9 CAPLUS
CN Benzenesulfonamide, N-(4-methoxyphenyl)-4-[[3-(4-methoxyphenyl)-5-(4-methylphenyl)-1H-pyrazol-4-yl]azo]- (9CI) (CA INDEX NAME)

PAGE 1-A



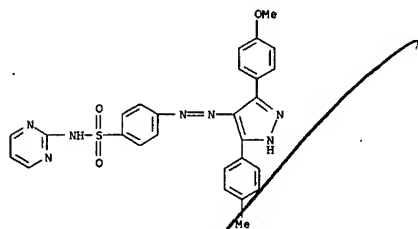
PAGE 2-A



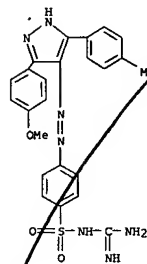
RN 58524-28-0 CAPLUS
CN Benzenesulfonamide, 4-[[3-(4-methoxyphenyl)-5-(4-methylphenyl)-1H-pyrazol-4-yl]azo]-N-2-pyrimidinyl- (9CI) (CA INDEX NAME)

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L7 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 58524-29-1 CAPLUS
CN Benzenesulfonamide, N-(aminoimipomethyl)-4-[[3-(4-methoxyphenyl)-5-(4-methylphenyl)-1H-pyrazol-4-yl]azo]- (9CI) (CA INDEX NAME)



Karen Cheng

10526940elected

=> fil stng

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.40	576.04
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-2.34

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STRUCTURE FILE UPDATES: 5 MAR 2007 HIGHEST RN 924962-30-1
DICTIONARY FILE UPDATES: 5 MAR 2007 HIGHEST RN 924962-30-1

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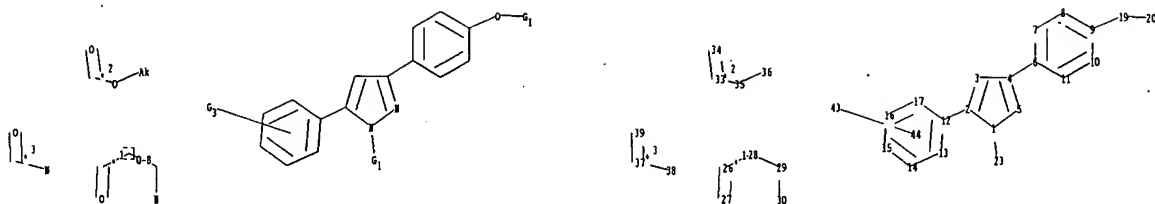
REGISTRY includes numerically searchable data for experimental and
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=>

Uploading C:\Program Files\Stnexp\Queries\10526940electedc.str

Karen Cheng



chain nodes :

19 20 23 26 27 28 29 30 33 34 35 36 37 38 39 43

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

chain bonds :

1-23 2-12 4-6 9-19 19-20 26-28 26-27 28-29 29-30 33-35 33-34 35-36
37-38 37-39

ring bonds :

1-2 1-5 2-3 3-4 4-5 6-7 6-11 7-8 8-9 9-10 10-11 12-13 12-17 13-14
14-15 15-16 16-17

exact/norm bonds :

1-2 1-5 1-23 4-5 9-19 19-20 26-27 29-30 33-35 33-34 35-36 37-38 37-39

exact bonds :

2-3 2-12 3-4 4-6 26-28 28-29

normalized bonds :

6-7 6-11 7-8 8-9 9-10 10-11 12-13 12-17 13-14 14-15 15-16 16-17

isolated ring systems :

containing 1 : 6 : 12 :

G1:H,CH3

G2:CH3,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu

G3:H,Ak,X,[*1],[*2],[*3]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 19:CLASS 20:CLASS
23:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS 30:CLASS 33:CLASS 34:CLASS
35:CLASS 36:CLASS 37:CLASS 38:CLASS 39:CLASS 43:CLASS 44:Atom

L11 STRUCTURE UPLOADED

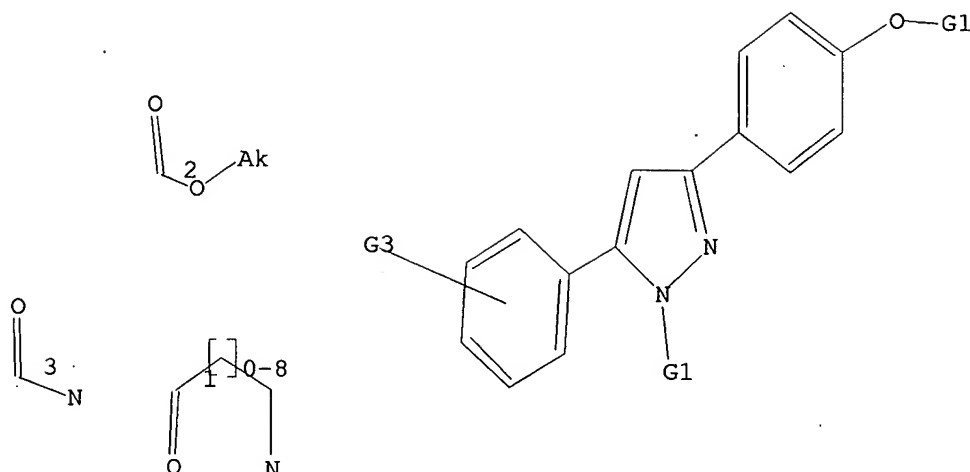
Karen Cheng

10526940elected

=>.d

L11 HAS NO ANSWERS

L11 STR



G1 H,Me

G2 Me,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu

G3 H,Ak,X,[@1],[@2],[@3]

Structure attributes must be viewed using STN Express query preparation.

=> s l11 full

FULL SEARCH INITIATED 09:17:56 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 106460 TO ITERATE

100.0% PROCESSED 106460 ITERATIONS

225 ANSWERS

SEARCH TIME: 00.00.02

L12 225 SEA SSS FUL L11

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE
ENTRY

TOTAL
SESSION

FULL ESTIMATED COST

172.10

748.68

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE
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TOTAL
SESSION

CA SUBSCRIBER PRICE

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FILE 'CAPLUS' ENTERED AT 09:18:02 ON 07 MAR 2007

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L13 ANSWER 1 OF 96 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2006:1194755 CAPLUS

DOCUMENT NUMBER: 146:154646

TITLE: Supramolecular Structures and Columnar Mesophase Induction in Nondisoid Pyrazoles by Complexation to Rhodium(I)

AUTHOR(S): Gimenez, Raquel; Elduque, Anabel; Lopez, Jose Antonio; Barbera, Joaquin; Cervero, Emma; Lantero, Ignacio; Oro, Luis A.; Serrano, Jose Luis

CORPORATE SOURCE: Departamento de Quimica Organica y Departamento de Quimica Inorganica, Facultad de Ciencias-Instituto de Ciencia de Materiales de Aragon, Universidad de Zaragoza-CSIC, Zaragoza, 50009, Spain

SOURCE: Inorganic Chemistry (2006), 45(25), 10363-10370

CODEN: INOCHA; ISSN: 0020-1669

PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Several new cis-[RhCl(CO)2(Ln)] complexes were prepared using different polycatenar pyrazole ligands (Ln) to obtain columnar liquid crystalline arrangements. The topol. of the ligand plays an essential role, and a mesophase is induced at room temperature from a nonmesogenic pyrazole only

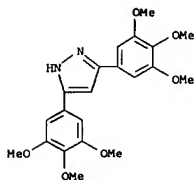
when it is sym. substituted with six decyloxy chains. The single-crystal structure of a methoxy-substituted analog, 3,5-bis(3,4,5-trimethoxyphenyl)pyrazole, is formed by globular tetrameric structures held together by H-bonding. However, parallel dimers are present in the corresponding cis-chlorodicarbonylrhodium(I) complex, a situation that explains the induction of a columnar mesophase in the decyloxy-substituted complex. The XRD pattern of the mesophase is consistent with a hexagonal symmetry in which the columns are formed by mols. assembled in an antiparallel mode. The crystal-to-mesophase transition was also detected by spectroscopic techniques as a shift in the IR carbonyl stretching bands and the appearance of a charge-transfer band in the absorption spectrum with thermochromic behavior.

IT 851729-28-7

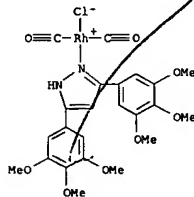
RL: RCT (Reactant); RACT (Reactant or reagent) (for preparation of nondisoid rhodium(I) pyrazole complexes)

RN 851729-28-7 CAPLUS

CN 1H-Pyrazole, 3,5-bis(3,4,5-trimethoxyphenyl)- (9CI) (CA INDEX NAME)



L13 ANSWER 1 OF 96 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



REFERENCE COUNT: 50 THERE ARE 50 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 1 OF 96 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

IT 918870-13-0P

RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation) (preparation and crystal structure)

RN 918870-13-0 CAPLUS

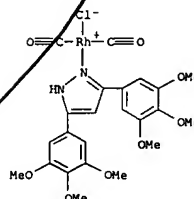
CN INDEX NAME NOT YET ASSIGNED

CM 1

CRN 918870-10-7

CHF C23 H24 Cl N2 O8 Rh

CCI CCS



CM 2

CRN 75-09-2

CHF C H2 Cl2

Cl-CH2-Cl

IT 918870-10-7P

RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation) (preparation, crystal structure, melting enthalpy and columnar mesophase induction in nondisoid rhodium(I) pyrazole complexes)

RN 918870-10-7 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

L13 ANSWER 2 OF 96 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2006:1167135 CAPLUS

DOCUMENT NUMBER: 146:81826

TITLE: Synthesis of some new pyrazoloquinazolinone and quinazolinone derivatives

AUTHOR(S): El-Khamry, A. A.; Shiba, S. A.; Shalaby, A. A.; Abd Alaha, A. A.

CORPORATE SOURCE: Chemistry Department, Faculty of Science, Ain Shams University, Cairo, Egypt

SOURCE: Journal of Heterocyclic Chemistry (2006), 43(5), 1189-1193

CODEN: JHTCAD; ISSN: 0022-152X

PUBLISHER: HeteroCorporation

DOCUMENT TYPE: Journal

LANGUAGE: English

GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The benzoxazinone derivative

2-(6,8-dibromo-4-oxo-4H-benzo[d]-1,3-oxazin-2-yl)-

3-(4-methoxyphenyl)acrylonitrile was used as a starting material for preparation of the pyrazoloquinazolinone and quinazolinone derivs. Under different conditions the benzoxazinone I was reacted with hydrazine hydrate to provide the pyrazolocarboxitrile derivative and the azine derivative

and/or the pyrazoloquinazolinone derivative II. When the pyrazoloquinazolinone derivative was conducted to react either with Et acetoacetate or Ac2O/AcOH mixture or phthalic anhydride/acetic acid mixture, the pyrazoloquinazolinone carbonitrile, pyrazolo-quinazolinone acetate or the pyrazoloquinazolinone derivative were formed resp. When the benzoxazinone was reacted with phenylhydrazine, a mixture of the quinazolinone derivative III and the hydrazone derivative were obtained. The benzoxazinone derivative was found also to react

with benzylamine in ethanol or without solvent to give the quinazolinone derivative IV or the quinazolinone resp. Fusion of the benzoxazinone with ammonium acetate yielded the quinazolinone, which was methylated to give the N-Me quinazolinone and sulfated to the thioxyquinazolinone derivative. In addition, the reaction of the benzoxazinone with formamide gave the N-formylquinazolinone derivative

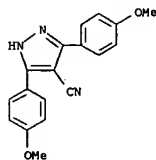
IT 917508-81-7P
RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of bis(methoxyphenyl)cyanopyrazole and bis(methoxybenzylidene)hydrazine via hydrazinolysis of [(dibromo)oxobenzoxazinyl] (methoxyphenyl)acrylonitrile)

RN 917508-81-7 CAPLUS

CN 1H-Pyrazole-4-carbonitrile, 3,5-bis(4-methoxyphenyl)- (CA INDEX NAME)

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L13 ANSWER 2 OF 96 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

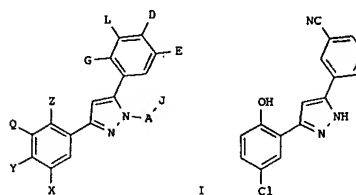


REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 3 OF 96 CAPLUS COPYRIGHT 2007 ACS on STN

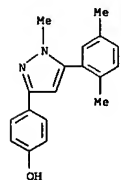
ACCESSION NUMBER: 2006:1095978 CAPLUS
 DOCUMENT NUMBER: 145:438611
 TITLE: Preparation of 3,5-diphenylpyrazoles as antitumor agents
 INVENTOR(S): Kuroiwa, Shunsuke; Maruyama, Sakiko; Suzuki, Yoshikazu; Yamazaki, Hiroko
 PATENT ASSIGNEE(S): Nippon Kayaku Kabushiki Kaisha, Japan
 SOURCE: PCT Int. Appl., 45pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006109680	A1	20061019	WO 2006-JP307346	20060406
V: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, GU, HT, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
PRIORITY APPLN. INFO.:		JP 2005-110717 A 20050407		
OTHER SOURCE(S):		MARPAT 145:438611		
GI				



AB Title compds. I [wherein A = H, carbonyl or sulfonyl; J = (un)substituted alkyl or amino; G, Z = H, OH, alkoxy, etc.; D, E, L, Q, X, Y = H,

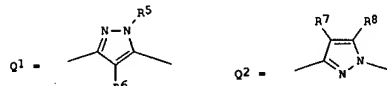
L13 ANSWER 3 OF 96 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 (un)substituted aminocarbonyl, alkoxy, etc., D and L, and Q and Y may link together to form a N/S-heterocyclyl ring, with limitations] and pharmaceutically acceptable salts thereof were prepd. as anticancer agents. For instance, treatment of 5'-chloro-2'-hydroxyacetophenone with 3-cyanobenzoyl chloride followed by cyclization with hydrazine hydrate gave diphenylpyrazole II. This product showed cell growth inhibition with IC50 of 0.23 µg/mL against MCF-7 cells and 0.066 µg/mL against MDA-MB-453 cells, resp. Therefore, the invented compds. and their pharmaceutical compns. are useful for the treatment of various cancer, such as breast cancer and lung cancer.
 IT 362006-35-72
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
 (reference; preparation of diphenylpyrazoles as antitumor agents)
 RN 362006-35-7 CAPLUS
 CN Phenol, 4-[5-(2,5-dimethylphenyl)-1-methyl-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 4 OF 96 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2006:1089202 CAPLUS
 DOCUMENT NUMBER: 145:439502
 TITLE: Epoxy resin compositions, their epoxides having low melting point, and prepreps therewith
 INVENTOR(S): Inoue, Kazuya; Hibino, Hiroaki
 PATENT ASSIGNEE(S): Sumitomo Chemical Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 22pp.
 CODEN: JKOXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2006282531	A	20061019	JP 2005-101698	20050331
PRIORITY APPLN. INFO.:		JP 2005-101698 20050331		
GI				

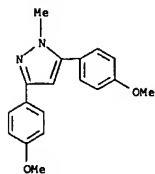


AB The epoxides are GZ-p-CGH2R1R2Y-p-CGH2R3R4ZG [G = glycidyl; R1-R4 = H, halo, C1-8 alkyl(oxy), CN, NO2; Y = Q1, Q2 (R5 = H, C1-8 alkyl; R6-R8 = H, C1-8 alkyl, halo, CN, NO2; Z = single bond, O, C1-8 alkylene)]. Thus, 5 g 4-methoxyacetophenone was reacted with 5.5 g Me 4-methoxybenzoate to give 1,3-bis(4-methoxyphenyl)propane-1,3-dione in 83% yield, which was reacted with methylhydrazine, hydrolyzed, and reacted with epichlorohydrin in the presence of tetrabutylammonium bromide to give 3,5-bis[4-(oxiranylmethoxy)phenyl]-1-methylpyrazole (I; m.p. 127°) in 91% yield. Then, I was reacted with diaminodiphenylmethane, poured in a mold, and kept at 145-155° and then at 180° to give a cured resin.
 IT 43222-90-8P 912804-13-8P
 RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)
 (pyrazolyl group-containing epoxy compds. and their compns. for forming prepreps)
 RN 43222-90-8 CAPLUS
 CN 1H-Pyrazole, 3,5-bis(4-methoxyphenyl)-1-methyl- (9CI) (CA INDEX NAME)

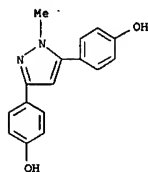
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L13 ANSWER 4 OF 96 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

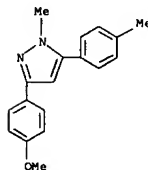


RN 912904-13-8 CAPLUS
CN Phenol, 4,4'-(1-methyl-1H-pyrazole-3,5-diyl)bis- (9CI) (CA INDEX NAME)



L13 ANSWER 5 OF 96 CAPLUS COPYRIGHT 2007 ACS on STN

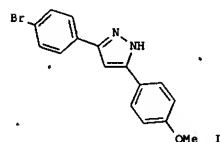
ACCESSION NUMBER: 2006:660707 CAPLUS
DOCUMENT NUMBER: 145:292939
TITLE: Reaction of N-Monosubstituted Hydrazones with Nitroolefins: A Novel Regioselective Pyrazole Synthesis
AUTHOR(S): Deng, Xiaohu; Mani, Neelakandha S.
CORPORATE SOURCE: Department of Drug Discovery, Johnson & Johnson Pharmaceutical R & D LLC, San Diego, CA, 92121, USA
SOURCE: Organic Letters (2006), 8(16), 3505-3508
CODEN: ORLEF7; ISSN: 1523-7060
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
AB A novel regioselective synthesis of substituted pyrazoles from N-monosubstituted hydrazones and nitroolefins is described. The reaction is performed in a one-pot manner and the yields range from moderate to excellent. A key nitropyrzolidine intermediate is characterized and a plausible mechanism is proposed.
IT 908329-93-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(one-pot regioselective synthesis of substituted pyrazoles from N-monosubstituted hydrazones and nitroolefins)
RN 908329-93-1 CAPLUS
CN 1H-Pyrazole, 3-(4-methoxyphenyl)-1-methyl-5-(4-methylphenyl)- (9CI) (CA INDEX NAME)



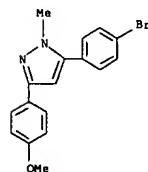
REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 6 OF 96 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2006:504334 CAPLUS
DOCUMENT NUMBER: 145:8083
TITLE: 1,3-Diketones from Acid Chlorides and Ketones: A Rapid and General One-Pot Synthesis of Pyrazoles
AUTHOR(S): Heller, Stephen T.; Natarajan, Swaminathan R.
CORPORATE SOURCE: Department of Medicinal Chemistry, Merck Research Laboratories, Rahway, NJ, 07065, USA
SOURCE: Organic Letters (2006), 8(13), 2675-2678
CODEN: ORLEF7; ISSN: 1523-7060
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 145:8083
GI



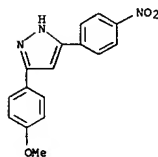
AB 1,3-Diketones were synthesized directly from ketones and acid chlorides and were then converted in situ into pyrazoles, e.g. I, by the addition of hydrazine. This method is extremely fast, general, and chemoselective, allowing for the synthesis of previously inaccessible pyrazoles and synthetically demanding pyrazole-containing fused rings.
IT 888482-87-9P 888482-96-0P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of pyrazoles via 1,3-diketones from acid chlorides and ketones)
RN 888482-87-9 CAPLUS
CN 1H-Pyrazole, 5-(4-bromophenyl)-3-(4-methoxyphenyl)-1-methyl- (9CI) (CA INDEX NAME)



RN 888482-96-0 CAPLUS
CN 1H-Pyrazole, 3-(4-methoxyphenyl)-5-(4-nitrophenyl)- (9CI) (CA INDEX NAME)

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L13 ANSWER 6 OF 96 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 7 OF 96 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2006:281622 CAPLUS

DOCUMENT NUMBER: 144:468066

TITLE: A novel synthesis of 5-aryl-3-phenylpyrazole from 2-aryl-3-benzoyl-1,1-cyclopropanedicarbonitrile and hydrazine

AUTHOR(S): Ren, Zhongjiao; Cao, Weiguor; Chen, Jie; Wang, Yu; Ding, Weiyu

CORPORATE SOURCE: Department of Chemistry, Shanghai University, Shanghai, 200444, Peop. Rep. China

SOURCE: Journal of Heterocyclic Chemistry (2006), 43(2), 495-497

CODEN: JHTCAD; ISSN: 0022-152X

PUBLISHER: HeteroCorporation

DOCUMENT TYPE: Journal

LANGUAGE: English

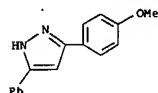
AB A new process for synthesis of 5-aryl-3-phenylpyrazole is achieved. The regioselective ring-opening reaction of 2-aryl-3-benzoyl-1,1-cyclopropanedicarbonitrile with hydrazine plays a crucial role in the described process. The structures of the pyrazoles were established on the basis of the spectroscopic anal and confirmed by the x-ray diffraction anal. of 3,5-diphenylpyrazole.

IT 32664-28-1P

RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation) (preparation and structure of 5-aryl-phenylpyrazoles from 2-aryl-benzoyl-cyclopropanedicarbonitrile and hydrazine hydrate)

RN 32664-28-1 CAPLUS

CN 1H-Pyrazole, 3-(4-methoxyphenyl)-5-phenyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 8 OF 96 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:1299340 CAPLUS

DOCUMENT NUMBER: 144:191632

TITLE: Facile preparation of allyl amines and pyrazoles by hydrazinolysis of 2-ketoaziridines

AUTHOR(S): Chen, Gang; Sasaki, Mikio; Yudin, Andrei K.

CORPORATE SOURCE: Davenport Research Laboratories, Department of Chemistry, University of Toronto, Toronto, ON, M5S 3H6, Can.

SOURCE: Tetrahedron Letters (2005), Volume Date 2006, 47(3), 255-259

CODEN: TELEAY; ISSN: 0040-4039

PUBLISHER: Elsevier B.V.

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 144:191632

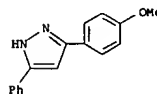
AB Allyl amines and pyrazoles can be obtained by hydrazinolysis of 2-ketoaziridines. A variety of aziridines, including N-unprotected, W-substituted, as well as bicyclic enamine and amination types, can be transformed into diversely substituted linear or cyclic products. The hydrazinolysis of homochiral aziridines proceeds without racemization.

IT 32664-28-1P

RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of allyl amines and pyrazoles by hydrazinolysis of 2-ketoaziridines)

RN 32664-28-1 CAPLUS

CN 1H-Pyrazole, 3-(4-methoxyphenyl)-5-phenyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 9 OF 96 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:1033793 CAPLUS

DOCUMENT NUMBER: 143:359448

TITLE: Synthesis and cytotoxicity of epoxide and pyrazole analogs of the combretastatins

AUTHOR(S): LeBlanc, Regan; Dickson, John; Brown, Toni; Stewart, Michelle; Pati, Hari N.; VanDerveer, Don; Arman, Hadi; Harris, Jeff; Pennington, William; Holt, Herman L.; Lee, Moses

CORPORATE SOURCE: Department of Chemistry, Furman University, Greenville, SC, 29613, USA

SOURCE: Bioorganic & Medicinal Chemistry (2005), 13(21), 6025-6034

CODEN: BMECEP; ISSN: 0968-0896

PUBLISHER: Elsevier B.V.

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 143:359448

AB Twenty-six epoxide and corresponding pyrazole derivs., of the structurally related chalcones and combretastatin A-4 (CA-4), were synthesized and tested for in vitro cytotoxicity. These mols. were synthesized by epoxidn. of the relevant chalcones, followed by reaction with hydrazine. The structures of 1 epoxides, and a pyrazole, were confirmed by x-ray diffraction studies. The relatively coplanar conformation of a 3',3'',4'',4''',5',5''-hexamethoxypyrazole was in good agreement with the shape for 3',3'',4'',4''',5',5''-pentamethoxypyrazole, which was determined from

mol. mechanics optimization. In vitro cytotoxicity of each class of compds. was obtained using a 72 h continuous exposure MTT assay against two murine cancer cell lines: B16 melanoma and L1210 leukemia. The effect of substitution in the A-ring is addressed: three methoxy groups vs. two, generally increased cytotoxicity across both cell lines. In the majority of cases, the pyrazoles are generally more active than the epoxides, with the most active, 5-(3'-(4-methoxyphenyl)-3-(3',4',5'-trimethoxyphenyl)pyrazole, possessing an IC50 value of 5 and 2.4 μM (B16 and L1210, resp.). Due to their planar conformations, the pyrazoles are typically less active than the corresponding chalcones, which adopt angular conformations similar to CA-4. B-ring modifications confirmed that in general the amino compds. are more active than the corresponding nitro compds. Varying the number and orientation of methoxy groups on the A-ring did not produce any significant differences in toxicity in the cell lines studied.

IT 851729-28-7P 861881-81-4P

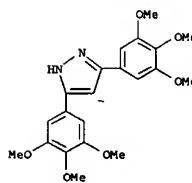
RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(synthesis and cytotoxicity of epoxide and pyrazole analogs of combretastatins towards tumor cells)

RN 851729-28-7 CAPLUS

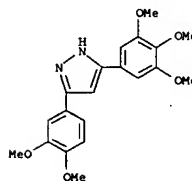
CN 1H-Pyrazole, 3,5-bis(3,4,5-trimethoxyphenyl)- (9CI) (CA INDEX NAME)

L13 ANSWER 9 OF 96 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 861881-81-4 CAPLUS

CN 1H-Pyrazole, 3-(3,4,5-trimethoxyphenyl)-5-(3,4,5-trimethoxyphenyl)- (9CI) (CA INDEX NAME)



IT 866261-47-4P, 3-(3',4',5'-Trimethoxyphenyl)-5-(4'-methoxy-3'-nitrophenyl)pyrazole

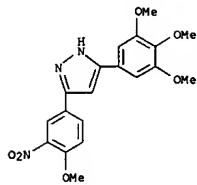
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(synthesis and cytotoxicity of epoxide and pyrazole analogs of combretastatins towards tumor cells)

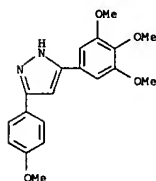
RN 866261-47-4 CAPLUS

CN 1H-Pyrazole, 3-(4-methoxy-3-nitrophenyl)-5-(3,4,5-trimethoxyphenyl)- (9CI) (CA INDEX NAME)

L13 ANSWER 9 OF 96 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

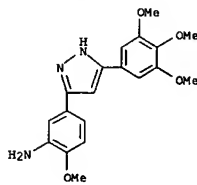


IT 851729-26-5P 866261-49-6P 866261-55-4P,
5-(3'-(4-methoxyphenyl)-1H-pyrazol-3-yl)-2-methoxy-1H-pyrazole
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)
(synthesis and cytotoxicity of epoxide and pyrazole analogs of
combrestatins towards tumor cells)
RN 851729-26-5 CAPLUS
CN 1H-Pyrazole, 3-(4-methoxyphenyl)-5-(3,4,5-trimethoxyphenyl)- (9CI) (CA
INDEX NAME)

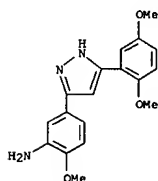


RN 866261-49-6 CAPLUS
CN Benzenamine, 2-methoxy-5-[5-(3,4,5-trimethoxyphenyl)-1H-pyrazol-3-yl]-
(9CI) (CA INDEX NAME)

L13 ANSWER 9 OF 96 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

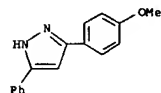


RN 866261-55-4 CAPLUS
CN Benzenamine, 5-[5-(2,5-dimethoxyphenyl)-1H-pyrazol-3-yl]-2-methoxy- (9CI)
(CA INDEX NAME)

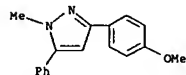


REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 10 OF 96 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2005:952848 CAPLUS
DOCUMENT NUMBER: 143:405840
TITLE: One-Pot Construction of Pyrazoles and Isoxazoles with
Palladium-Catalyzed Four-Component Coupling
AUTHOR(S): Ahmed, Mohamed S. Mohamed; Kobayashi, Kei; Mori,
Atsunori
CORPORATE SOURCE: Chemical Resources Laboratory, Tokyo Institute of
Technology, Yokohama, 226-8503, Japan
SOURCE: Organic Letters (2005), 7(20), 4487-4489
CODEN: ORLEFF; ISSN: 1523-7060
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 143:405840
AB Four-component coupling of a terminal alkyne, hydrazine (hydroxylamine),
carbon monoxide, and an aryl iodide furnishes pyrazole or isoxazole
derive. in the presence of a palladium catalyst. The reaction proceeds at
room temperature and an ambient pressure of carbon monoxide in an aqueous
solvent
system.
IT 32664-28-1P, 3-(4-Methoxyphenyl)-5-phenyl-1H-pyrazole
56119-91-6P
RL: SPN (Synthetic preparation); PREP (Preparation)
(one-pot construction of pyrazoles and isoxazoles by
palladium-catalyzed four-component coupling)
RN 32664-28-1 CAPLUS
CN 1H-Pyrazole, 3-(4-methoxyphenyl)-5-phenyl- (9CI) (CA INDEX NAME)

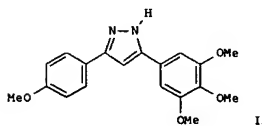
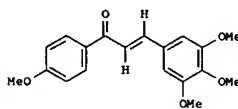


RN 56119-91-6 CAPLUS
CN 1H-Pyrazole, 3-(4-methoxyphenyl)-1-methyl-5-phenyl- (9CI) (CA INDEX NAME)

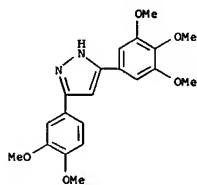


REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

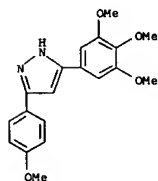
L13 ANSWER 11 OF 96 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2005:511399 CAPLUS
DOCUMENT NUMBER: 143:193943
TITLE: Synthesis and biological evaluation of chalcones and
their derived pyrazoles as potential cytotoxic agents
AUTHOR(S): Bhat, B. A.; Dhar, K. L.; Puri, S. C.; Saxena, A. K.;
Shanmugavel, M.; Qazi, G. N.
CORPORATE SOURCE: Division of Natural Product Chemistry, Regional
Research Laboratory (CSIR), Jammu Tawi, 180001, India
SOURCE: Bioorganic & Medicinal Chemistry Letters (2005),
15(12), 3177-3180
CODEN: BMCLEB; ISSN: 0960-894X
PUBLISHER: Elsevier B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 143:193943
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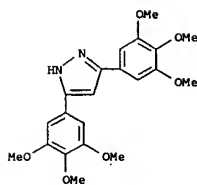
AB A series of substituted chalcones, e.g., I, and their corresponding
pyrazoles, e.g., II, were synthesized and evaluated for in vitro cytotoxic
activity against a panel of human cancer cell lines. Out of the compds.
screened, 8 compds., showed marked activity. Some compds. were found to
be the most promising in this study. SAR is also discussed.
IT 861881-81-4P
RL: PAC (Pharmacological activity); PRP (Properties); RCT (Reactant); SPN
(Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT
(Reactant or reagent)
(preparation, anticancer activity, and structure-activity relationship of
epoxychalcones, dihydrochalcones, dibromochalcones, and pyrazoles
starting from chalcones)
RN 861881-81-4 CAPLUS
CN 1H-Pyrazole, 3-(3,4-dimethoxyphenyl)-5-(3,4,5-trimethoxyphenyl)- (9CI)
(CA INDEX NAME)



IT 851729-26-5P 851729-28-7P
 RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
 (preparation, anticancer activity, and structure-activity relationship of epoxychalcones, dihydrochalcones, dibromochalcones, and pyrazoles starting from chalcones)
 RN 851729-26-5 CAPLUS
 CN 1H-Pyrazole, 3-(4-methoxyphenyl)-5-(3,4,5-trimethoxyphenyl)- (9CI) (CA INDEX NAME)

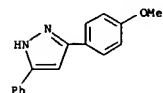


RN 851729-28-7 CAPLUS
 CN 1H-Pyrazole, 3,5-bis(3,4,5-trimethoxyphenyl)- (9CI) (CA INDEX NAME)

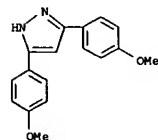


REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

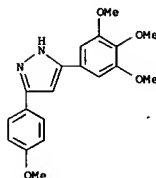
L13 ANSWER 12 OF 96 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2005:359591 CAPLUS
 DOCUMENT NUMBER: 142:463658
 TITLE: Synthesis of 3,5-diphenyl-1H-pyrazoles
 AUTHOR(S): Bhat, B. A.; Puri, S. C.; Qurishi, M. A.; Dhar, K. L.; Qazi, G. N.
 CORPORATE SOURCE: Division of Natural Products Chemistry, Regional Research Laboratory (CSIR), Jammu Tawi, India
 SOURCE: Synthetic Communications (2005), 35(8), 1135-1142
 CODEN: SYNCAV; ISSN: 0039-7911
 PUBLISHER: Taylor & Francis, Inc.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 142:463658
 AB An efficient and convenient synthesis of 3,5-diphenyl-1H-pyrazoles from chalcones by the action of hydrazine hydrate on chalcone-epoxide followed by simultaneous dehydration is reported.
 IT 32664-28-1P 75059-30-2P 851729-26-5P
 851729-28-7P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of 3,5-diphenyl-1H-pyrazoles via epoxidn. of chalcones followed by reaction of epoxides with hydrazine hydrate and dehydration)
 RN 32664-28-1 CAPLUS
 CN 1H-Pyrazole, 3-(4-methoxyphenyl)-5-phenyl- (9CI) (CA INDEX NAME)



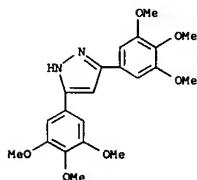
RN 75059-30-2 CAPLUS
 CN 1H-Pyrazole, 3,5-bis(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



RN 851729-26-5 CAPLUS
 CN 1H-Pyrazole, 3-(4-methoxyphenyl)-5-(3,4,5-trimethoxyphenyl)- (9CI) (CA INDEX NAME)



RN 851729-28-7 CAPLUS
 CN 1H-Pyrazole, 3,5-bis(3,4,5-trimethoxyphenyl)- (9CI) (CA INDEX NAME)



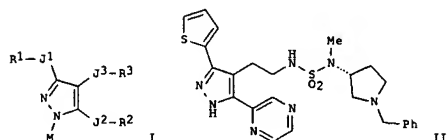
REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

10526940elected

L13 ANSWER 13 OF 96 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2005:284151 CAPLUS
 DOCUMENT NUMBER: 142:355262
 TITLE: Preparation of pyrazolyl inhibitors of 15-lipoxygenase
 INVENTOR(S): Ngu, Khehyong; Weinstein, David S.; Robl, Jeffrey A.
 PATENT ASSIGNER(S): USA
 SOURCE: U.S. Pat. Appl. Publ., 48 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005070589	A1	20050331	US 2004-932981	20040901
PRIORITY APPLN. INFO.:			US 2003-499498P	20030902
OTHER SOURCE(S):			CASREACT 142:355262; MARPAT 142:355262	

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AB The title compds. I [J1, J2 = a bond, CO, COO, CO2, etc.; J3 = (un)substituted alkenylene, cycloalkylene, alkenylene, etc.; M = H, alkyl, cycloalkyl, aryl, etc.; R1, R2 = H, alkyl, cycloalkyl, aryl, etc.; R3 = phthalimido, (un)substituted NHSO2Z, NHCOZ, etc.; Z = (un)substituted NH2, alkyl, cycloalkyl, etc.], useful for treating diseases related to the 15-LO cascade (no data), were prepared E.g., a multi-step synthesis of II, starting from 4-chloro-2'-butyrothienone, was given. The pharmaceutical composition comprising the compound I is claimed.

IT 849050-97-IP 849050-99-3P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

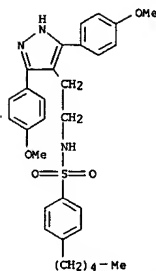
(preparation of substituted pyrazoles for treating diseases related to

the 15-LO cascade)

RN 849050-97-1 CAPLUS

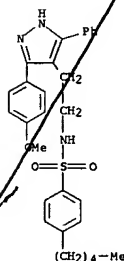
CN Benzenesulfonamide, N-[2-[3,5-bis(4-methoxyphenyl)-1H-pyrazol-4-yl]ethyl]-4-pentyl- (9CI) (CA INDEX NAME)

L13 ANSWER 13 OF 96 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

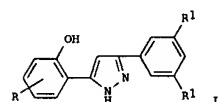


RN 849050-99-3 CAPLUS

CN Benzenesulfonamide, N-[2-[3-(4-methoxyphenyl)-5-phenyl-1H-pyrazol-4-yl]ethyl]-4-pentyl- (9CI) (CA INDEX NAME)



L13 ANSWER 14 OF 96 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2005:38350 CAPLUS
 DOCUMENT NUMBER: 142:463649
 TITLE: Synthesis and antimicrobial activity of 3,5-diarylpyrazoles
 AUTHOR(S): Prasad, Y. Rajendra; Prasanna, G. Lakshmi; Chakradhar, V.
 CORPORATE SOURCE: Department of Pharmaceutical Sciences, Andhra University, Visakhapatnam, 530 003, India
 SOURCE: Asian Journal of Chemistry (2005), 17(1), 621-623
 CODEN: AJCHEV; ISSN: 0970-7077
 PUBLISHER: Asian Journal of Chemistry
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 142:463649
 GI



AB Title compds. I (R = 4-OH, 5-OH; R1 = H, NO2) were prepared by cyclocondensation of diaryl β-diketones with hydrazine hydrate. Antibacterial and antifungal activities of I were determined

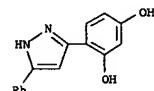
IT 38214-70-9P 851676-89-6P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
 (preparation and antimicrobial and antifungal activity of

diarylpyrazoles)

RN 38214-70-9 CAPLUS

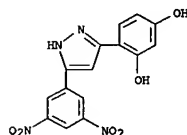
CN 1,3-Benzenediol, 4-[5-(3,5-dinitrophenyl)-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)



RN 851676-89-6 CAPLUS

CN 1,3-Benzenediol, 4-[5-(3,5-dinitrophenyl)-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

L13 ANSWER 14 OF 96 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



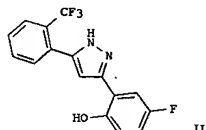
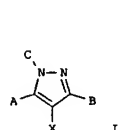
REFERENCE COUNT: 16

THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

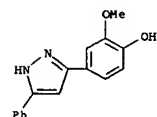
Karen Cheng

L13 ANSWER 15 OF 96 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2004:780671 CAPLUS
 DOCUMENT NUMBER: 141:296010
 TITLE: Preparation of substituted pyrazoles as modulators of ATP-binding cassette transporters
 INVENTOR(S): Vangoor, Frederick F.; Hadida Ruah, Sarah S.; Singh, Ashvani K.; Olson, Eric R.; Makings, Lewis R.; Gonzalez, Jesus E., III; Rader, James A.; Chambers, Fred, III; Miller, Mark T.; Grootenhuys, Peter; Liu, Yuhua
 PATENT ASSIGNEE(S): Vertex Pharmaceuticals Incorporated, USA
 SOURCE: PCT Int. Appl., 174 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004080972	A1	20040923	WO 2004-US7492	20040312
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, UA, US, UZ, VC, VN, YU, ZA, ZH, ZW				
RW: BV, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2005113423	A1	20050526	US 2004-800022	20040312
EP 1601657	A1	20051207	EP 2004-720345	20040312
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK				
PRIORITY APPLN. INFO.:			US 2003-453978P	P 20030312
			WO 2004-US7492	W 20040312
OTHER SOURCE(S):		MARPAT 141:296010		
GI				



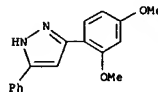
L13 ANSWER 16 OF 96 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2004:672993 CAPLUS
 DOCUMENT NUMBER: 141:332112
 TITLE: Resin-Bound 4H-1,3-Oxazine-Masked β -Diketones for Functionalizing Cleavage Strategy
 AUTHOR(S): Vanier, Cecile; Wagner, Alain; Mionkowski, Charles
 CORPORATE SOURCE: Faculte de Pharmacie, Laboratoire de Synthese Bio-Organique, Universite Louis Pasteur de Strasbourg, UMR 7514 Associee au CNRS, Illkirch, 67401, Fr.
 SOURCE: Journal of Combinatorial Chemistry (2004), 6(5), 846-850
 CODEN: JCCHFF; ISSN: 1520-4766
 PUBLISHER: American Chemical Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 141:332112
 AB Resin-bound 4H-1,3-oxazines are synthesized by the stepwise condensation of a resin-bound amide with an aldehyde and an alkyne. Starting materials used in this study included N-[methoxy(4-methylphenyl)methyl]benzamide derivs. and alkynes, such as (ethynyl)benzene, (1-propynyl)benzene, 3,3-dimethyl-1-butyne, 3-phenyl-2-propynoic acid Et ester, etc. Upon DDQ activation, oxazines are converted into oxazinium salts. When treated with hydrazines, these resin-bound β -diketone equivalent yield pyrazoles through a functionalizing release process. This multicomponent capture strategy, tedious to handle in classical synthesis in solution, is well-suited to solid-supported chemical. It facilitates the handling of sensitive and unstable intermediates, such as N- α -methoxyalkylamides and 1,3-oxazinium salts. For example, the reaction of Merrifield resin-bound N-[methoxy(phenyl)methyl]benzamide with (ethynyl)benzene gave a resin-bound 4,6-diphenyl-4H-1,3-oxazine (not isolated). Further reaction of this with hydrazine and functionalizing release gave 3,5-diphenyl-1H-pyrazole. A similar strategy also yielded 4,5,6,7-tetrahydro-3-phenyl-1H-indazole.
 IT 773858-15-4P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (Preparation of pyrazole derivative using resin-bound 4H-1,3-oxazine-masked β -diketone for functionalizing cleavage strategy)
 RN 773858-15-4 CAPLUS
 CN Phenol, 2-methoxy-4-(5-phenyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

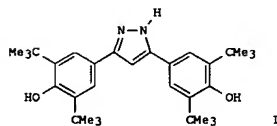
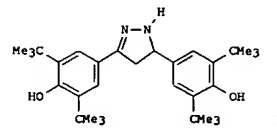
L13 ANSWER 15 OF 96 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

AB Pyrazoles I [A, B = (un)substituted aryl, heterocyclyl, cycloalkyl; C = H, (un)substituted aryl, heterocyclyl, heteroaryl, cycloalkyl, alkyl, alkylcarbonyl, arylcarbonyl, heteroarylcarbonyl, heterocyclylcarbonyl, or aminocarbonyl; X = H, (un)substituted alkyl, aryl, heterocyclyl, heteroaryl, or ω -substituted n-alkyl] such as II are prepared as inhibitors of ATP-binding cassette (ABC) transporters such as the cystic fibrosis transmembrane conductance regulator (CFTR) for use in the treatment of conditions such as cystic fibrosis, immunodeficiency, inflammatory disease, chronic obstructive pulmonary disease, chronic pancreatitis, or pneumonia. 4-Trifluoromethylbenzoyl chloride and 2-hydroxy-5-fluoroacetophenone are stirred in pyridine for 12 h, after which potassium hydroxide is added and the mixture stirred for 12 h; addition of hydrazine hydrate to a solution of the product obtained in the first step in ethanol and heating at reflux for 3 h yields II in 30% overall yield as a yellow crystalline solid. II modulates AFS08-CFTR at 275% of the effect of genistein on the same receptor. Data on the relative modulation of AFS08-CFTR by some compds. of the invention as compared to genistein is provided.
 IT 763133-89-7P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (Preparation of substituted pyrazoles as modulators of ATP-binding cassette transporters such as the cystic fibrosis transmembrane conductance regulator for treatment of diseases such as cystic fibrosis, immunodeficiency, and pneumonia)
 RN 763133-89-7 CAPLUS
 CN 1H-Pyrazole, 3-(2,4-dimethoxyphenyl)-5-phenyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

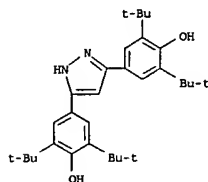
L13 ANSWER 17 OF 96 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2004:362548 CAPLUS
 DOCUMENT NUMBER: 141:106411
 TITLE: Novel 3,5-diarylpyrazolines and pyrazole as low-density lipoprotein (LDL) oxidation inhibitor
 AUTHOR(S): Jeong, Tae-Sook; Kim, Kyung Soon; Kim, Ju-Ryoung; Cho, Kyung-Hyun; Lee, Sangku; Lee, Woo Song
 CORPORATE SOURCE: National Research Laboratory of Lipid Metabolism & Atherosclerosis, Korea Research Institute of Bioscience and Biotechnology, Daejeon, 305-333, S. Korea
 SOURCE: Bioorganic & Medicinal Chemistry Letters (2004), 14(11), 2719-2723
 CODEN: BMCLES; ISSN: 0960-894X
 PUBLISHER: Elsevier Science B.V.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 141:106411
 GI



AB 2,3-Diarylpyrazolines, e.g., I, and -pyrazole II were synthesized by cyclocondensation of chalcones with hydrazine, and tested for their LDL-oxidation inhibition activity. The tested compds. showed significant LDL-antioxidant activities in the TBARS assay, the lag time of conjugated diene production, the relative electrophoretic mobility (REM) of ox-LDL, the apoB-100 fragmentation, and the macrophage-mediated LDL oxidation. I and II were found to be the most active compds. as an inhibitor of LDL oxidation, and I (IC₅₀ = 0.1 μ M) was 6-fold more potent than probucol (IC₅₀ = 0.6 μ M) in the TBARS assay.
 IT 721447-01-4P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
 (Preparation and low-d. lipoprotein peroxidn. inhibition of bis[di(t-butyl)hydroxyphenyl]pyrazole via oxidation of bis[di(t-butyl)hydroxyphenyl]pyrazoline)

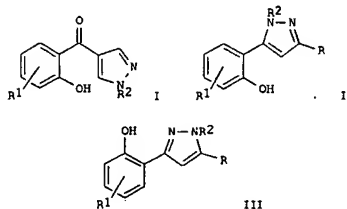
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L13 ANSWER 17 OF 96 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
 RN 721447-01-4 CAPLUS
 CN Phenol, 4,4'-(1H-pyrazole-3,5-diyl)bis[2,6-bis(1,1-dimethylethyl)-] (9CI)
 (CA INDEX NAME)



REFERENCE COUNT: 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

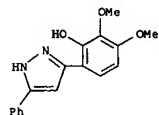
L13 ANSWER 18 OF 96 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2004:347011 CAPLUS
 DOCUMENT NUMBER: 141:332110
 TITLE: Design and synthesis of two pyrazole libraries based on o-hydroxyacetophenones
 AUTHOR(S): Borrell, Jose I.; Schuler, Elisabeth; Teixido, Jordi; Michelotti, Enrique L.
 CORPORATE SOURCE: Institut Quimic de Sarria, Grup d'Enginyeria Molecular, Universitat Ramon Llull, Barcelona, E-08017, Spain
 SOURCE: Molecular Diversity (2004), 8(2), 147-157
 CODEN: MODIF4; ISSN: 1381-1991
 PUBLISHER: Kluwer Academic Publishers
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 141:332110
 GI



AB Two new solid-phase syntheses of substituted pyrazoles are described. The first includes supporting an o-hydroxyacetophenone on Merrifield resin, Vilsmeier-Haack formylation on the Me group and cyclization with a substituted hydrazine to afford a pyrazole ring with two diversity centers, e.g. I (R1 = H, 4-F, 3,4-(MeO)2, etc., R2 = Ph, n-Pr, 2-benzothiazolyl, etc.). The second starts from o-hydroxyacetophenone supported on Wang resin, which undergoes a Claisen condensation with a carboxylic acid ester to yield a 1,3-dicarbonyl compound that cyclizes to a pyrazole using a hydrazine, II and III (R = H, Me, Ph). Both methods have been used to synthesize two small pyrazole libraries.
 IT 771483-41-1P 771483-45-5P 771486-14-7P
 RL: CPN (Combinatorial preparation); CMBI (Combinatorial study); PREP (Preparation)
 (design and solid-phase syntheses of pyrazole libraries using o-hydroxyacetophenones, their fungicidal, insecticidal, and herbicidal activities)
 RN 771483-41-1 CAPLUS
 CN Phenol, 2,3-dimethoxy-6-(5-phenyl-1H-pyrazol-3-yl)-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

L13 ANSWER 18 OF 96 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

CM 1
 CRN 771483-40-0
 CMF C17 H16 N2 O3

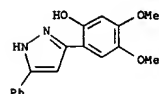


CM 2
 CRN 76-05-1
 CMF C2 H F3 O2



RN 771483-45-5 CAPLUS
 CN Phenol, 4,5-dimethoxy-2-(5-phenyl-1H-pyrazol-3-yl)-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

CM 1
 CRN 771483-44-4
 CMF C17 H16 N2 O3



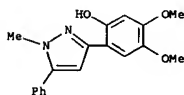
CM 2
 CRN 76-05-1
 CMF C2 H F3 O2

L13 ANSWER 18 OF 96 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 771486-14-7 CAPLUS
 CN Phenol, 4,5-dimethoxy-2-(1-methyl-5-phenyl-1H-pyrazol-3-yl)-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

CM 1
 CRN 771486-13-6
 CMF C18 H18 N2 O3



CM 2
 CRN 76-05-1
 CMF C2 H F3 O2



REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

Karen Cheng